

Product Bulletin

CLAAS of America Inc.

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PM Information: “Quick Reference” Guide of Quantimeter with Yield Mapping installed on 500 Series LEXION using Yield Tools by Farm Works

Provides step-by-step instructions for setting up and operating the LEXION yield mapping system: on the combine and the desk-top software in the office

At the Combine

STEP 2

Prior to Harvest

1. With the ignition switch off, insert the PC card into the card reader (with machine pictures facing upwards). Make sure that the most recent work record has been stopped in CEBIS.
2. Switch ignition key on and/or start combine.
3. Press **'OK'** to read-in new PC card data, or press **'ESC'** to keep old data.
4. Use the **'<'** or **'>'** key to highlight the **'Harvest Display'** icon and press **'OK'**.
5. Use the **'<'** key to highlight the **'Satellite'** icon and press **'OK'**.
6. Press **'OK'** again and press **'+'** to turn the mapping system on.
7. Press **'ESC'** key twice.
8. Use the **'>'** key to highlight the **'Records'** icon (pencil) and press **'OK'**.
9. **'Planned Records'** is highlighted. Press **'OK'** again.
10. Use the **'<'** or **'>'** key to highlight **'Change'** and press **'OK'**.
11. Use the **'<'** and **'>'** keys to individually highlight **'Name'**, **'Field'**, **'Crop'** and **'Operator'**. Press **'OK'** after each one is selected. Use the **'+'** or **'-'** keys to select the desired identification. Press **'OK'** after each change. Press **'ESC'** key twice when finished.
12. Use the **'>'** key to highlight **'Start/Stop'**. Press **'OK'**. This will start the work record.
13. Press **'ESC'** to return to the harvest screen.

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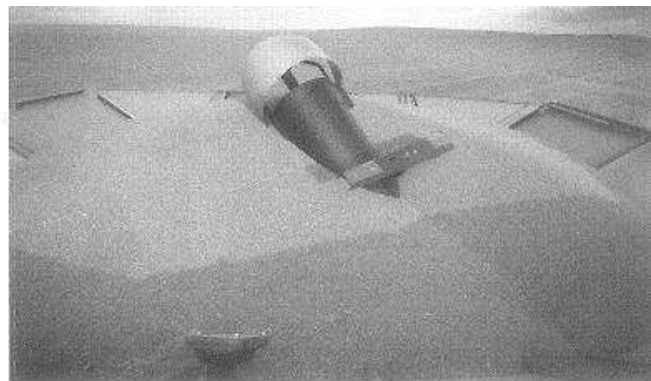
During Harvest

1. Be sure the 'Header Working Position' is set correctly. The 'Area Counter' icon (LH middle of CEBIS) should highlight while harvesting but should not be highlighted while the header is raised for turning.
2. Use the '<' or '>' key to highlight the 'Record' icon (pencil). While harvesting you should see **Work Record....Started and Mapping....Write Data** are displayed in RH lower corner of screen. (Note: There is a 15 second delay after harvesting starts before **Write Data** displays on the CEBIS.)
3. While harvesting, select the 'Quantimeter' icon (scale). The test weight and percent moisture should be displayed in the lower RH corner of CEBIS. The percent moisture value should be periodically changing.
4. Use the '<' key to highlight the 'Statellite' icon. You should see lines being drawn in the lower RH corner of CEBIS indicating GPS is functioning.

After Harvest

1. Use the '<' or '>' key to highlight the 'Records' icon (pencil) and press 'OK'.
2. Use the '>' key to highlight 'Start/Stop' and press 'OK'.
3. Note that the 'Status' is now 'Stopped'.
4. You may a) go to another field and repeat the procedure or b) switch the engine off and remove the data card.

Note: Before removing the PC card from the combine, the current work record must absolutely be stopped or data may get lost!



For additional information please refer to your LEXION Operation and Maintenance Manual.

Alert Windows and Icons

-  'DPGS not Active'
-  'GPS not Active'
-  'Yield Sensor is Dirty! Clean the Lens Optics'
-  'Flag 1 Placed'
-  'Area Counter'
-  'Harvest Display'



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In the Office

STEP 1

Prior to Harvest *(Formatting PC card for harvest)*

1. Start '**LEXION Yield Tools**' on PC.
2. Select drop down menu in upper LH corner.
3. Select '**Quick Yield Tools**' from menu.
4. Insert PC card into computer.
5. Select '**LEXION Yield Card**' (icon at top of screen).
6. Select '**Prepare Card For Harvest**'. Click '**OK**'.
7. Select '**Add New Item**' from LH of screen.
8. Type in '**Farm/Landlord**' identification.
9. Select '**Abbr**' section and type in Farm/Landlord abbreviation. Continue until all Farms/Landlords are entered. Abbreviations are limited to 12 characters.
10. Select '**Next**'.
11. Select '**Add New Item**' from LH of screen.
12. Type in '**Field**' identification.
13. Select '**Abbr**' section and type in Field abbreviation. Continue until all Fields are entered.
14. Continue doing the procedure with '**Driver**', '**Flagging**' and '**Crop**' sections.
15. Select '**Finish**' when all sections have been filled out. (Remember this downloads the information to the PC card, erasing any yield data on the card.)
16. A message should pop up saying '**Yield Card Successfully Updated**'. Click '**OK**'.
17. The PC card is now ready for yield mapping.

In the Office

STEP 3

After Harvest

1. Start '**LEXION Yield Tools**' on PC.
2. Select drop down menu in upper LH corner and select '**Quick Yield Tools**' from menu.
3. Insert PC card into computer.
4. Select '**LEXION Yield Card**' (First icon at top of screen).
5. Select '**Import Yield Data From Card**'. Select '**OK**'. Select '**Next**'.
6. Select '**Next**' to download all files from card, or click on the **red checkmarks** to select/deselect individual files and then select '**Next**'.
7. Select the drop down menu under '**Category**'. Select '**Add**' and **type in** new Category.
8. Select '**Add**' and '**Done**'.
9. Continue identifying '**Categories**' on remaining fields or select '**Fill Column**' to file all fields together.
10. Select '**Next**'.
11. Review the information and select '**Finish**'. A map of the field will be displayed on the PC monitor.
12. The Yield Mapping data has now been downloaded to the LEXION Yield Tools program. Once the map is visible you can select between Raw Data, Average and Contoured Maps of both yield and moisture.

REMEMBER TO BACK UP YOUR DATA!